

Individual Assessment Task 3.2.C

Name _____

Class _____

Teacher _____

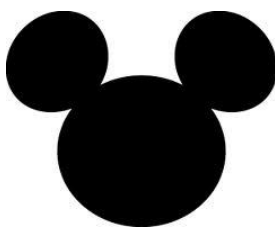
Date _____

Common Core Learning Standards

6.NS.6b Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the location of the points are related by reflections across one or both axes.

6.NS.6c Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

6.NS.8 Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane.



Rubric

Operations	4	3	2	1	0
Errors	4	3	2	1	0
Explanation	4	3	2	1	0
Process	4	3	2	1	0
Total Score					

The Rodriguez family is taking a trip to Disney World. Use the grid to answer the questions.

1. What are the coordinates for Space Mountain? Write the ordered pair. (Use parentheses and a comma.) (x,y)

2. Part A

Reflect point E across the y-axis. Label this as point F. Let this represent the It's a Small World ride.

(A reflection is a "flip" across the y-axis.)

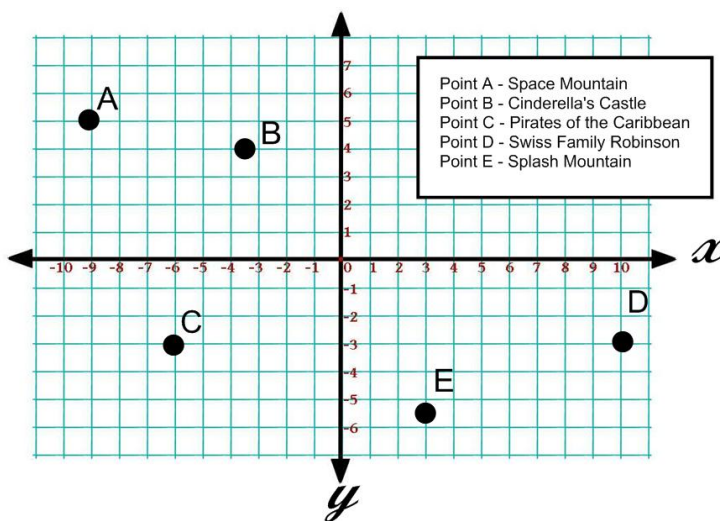
Part B

What are the coordinates for the Small World ride? Write the ordered pair on the line.

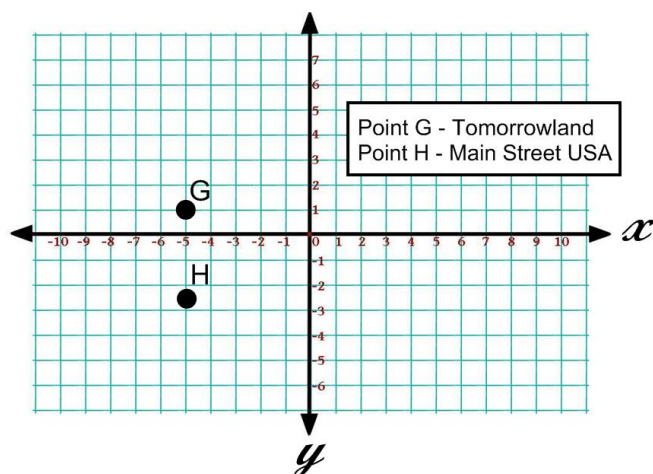
(Use parentheses and a comma.) (x,y)

Part C

Explain how you determined the coordinates for the Small World ride. (First I... Then I...)



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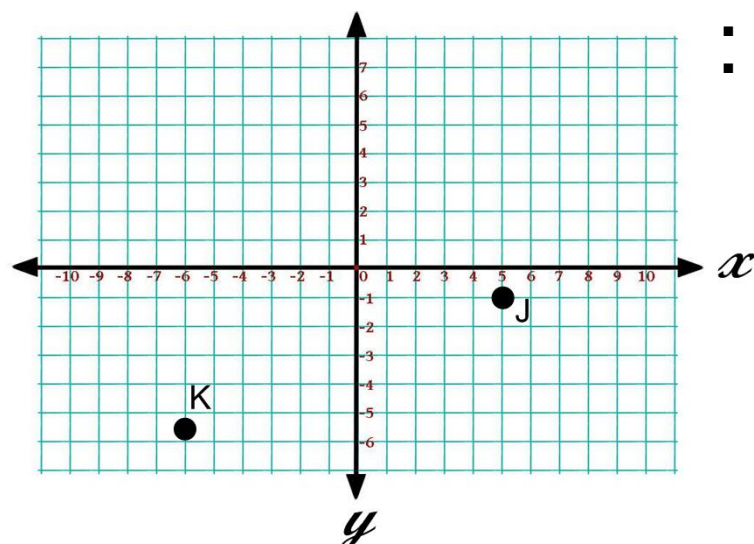
3. Part A

What is the distance, in units, between Tomorrowland and Main Street USA?

(Count the lines between the points.) (Do not count the spaces!)

Part B

Explain how you found your answer. (Sentence form) (First I... Then I...)



Let the x-axis represent water level on the 20,000 Leagues Under the Sea ride.

- Point J represents submarine 1
- Point K represents submarine 2

4. Part A

What is submarine 1's absolute value in relation to the water level?

(How far from x-axis)
(Count lines between)

Part B

What is submarine 2's absolute value in relation to the water level?

(How far from x-axis)
(Count lines between)
